

NAME CHANGES IN THE GENUS *TACHINA* OF THE EASTERN
PALEARCTIC AND ORIENTAL REGIONS
(DIPTERA: TACHINIDAE)

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Abstract.—Eight new names are proposed for eastern Palearctic and Oriental *Tachina* to replace names that are secondary homonyms. Four of these name changes are based on new combinations as indicated: *T. iota* Chao and Arnaud for *T. minuta* (Chao, 1962), non *T. minuta* Fallén, 1810; *T. jawensis* Chao and Arnaud for *T. javana* (Malloch, 1932), present new combination, non *T. javana* Wiedemann, 1819, or *T. javana* Macquart, 1851; *T. kunningensis* Chao and Arnaud for *T. planiforceps* (Chao, 1962), non *T. planiforceps* (Tothill, 1924); *Tachina mallochi* Chao and Arnaud for *T. atra* (Malloch, 1932), present new combination, non *T. atra* Walker (1853); *T. pingbian* Chao and Arnaud for *T. apicalis* (Chao, 1962), present new combination, non *T. apicalis* Meigen, 1824, or *T. apicalis* Walker, 1853; *T. rohdendorfiana* Chao and Arnaud for *T. rohdendorfi* (Chao, 1962), non *T. rohdendorfi* (Zimin, 1935); and *T. tienmushan* Chao and Arnaud, for *T. flavipes* (Chao, 1962), present new combination, non *T. flavipes* Meigen (1824); and *T. zaku* Chao and Arnaud for *T. basalis* (Zimin, 1929), non *T. basalis* Walker, 1837, *T. basalis* Walker, 1849, *T. basalis* Walker, 1853, and *T. basalis* Walker, 1853.

Key Words: Insecta, Diptera, Tachinidae, *Tachina*, new names, new combinations

Recent examination of the names utilized in the genus *Tachina* in the Nearctic Region, with reports published or in press by Arnaud (1992a, b), also revealed nomenclatorial problems with names in use in the eastern Palearctic and Oriental regions.

The catalogs to the Palearctic (Herting 1984) and Oriental (Crosskey 1977) Tachinidae have formed the basis of our study, aided by other regional catalogs—Afrotropical (Crosskey 1980), Australasian and Oceanian (Cantrell and Crosskey 1989), Nearctic (Sabrosky and Arnaud 1965), and Neotropical (Guimarães 1971). Herting cited 1522 valid species of Palearctic Tachinidae, of which 42 are *Tachina* (with an additional 2086 specific names of Tachinidae

cited in the synonymies, and more than 1000 additional specific names which are unfortunately not included because their status is unknown). Crosskey cited 725 valid Oriental species of Tachinidae, of which 29 are *Tachina* (as we now interpret them; formerly with 28 in *Servillia* and one in *Tachina*). We have an incomplete manuscript list of nearly 1200 names, used worldwide, in the genus *Tachina*. Four of the eight new names are proposed on the basis of new generic assignments:

***Tachina iota* Chao and Arnaud,
NEW NAME**

Servillia minuta Chao, 1962: 56.—As *Tachina* (*Servillia*) *minuta* (Chao): Herting,

1984: 87 (new combination). Preoccupied by *Tachina minuta* Fallén (1810: 274).

With the transfer of *Servillia minuta* Chao to the genus *Tachina* it becomes a secondary junior homonym. *Tachina iota* Chao and Arnaud, new name, is proposed to replace *T. minuta* (Chao), non *T. minuta* Fallén. The specific name is from the Greek *iota*—the ninth letter of the alphabet; anything very small.

***Tachina jawensis* Chao and Arnaud,**
NEW NAME

Servillia javana Malloch, 1932: 199.—As *Tachina javana* (Malloch): Chao and Arnaud, **present new combination**. Preoccupied by *Tachina javana* Wiedemann (1819: 24, as *iavana*) and *Tachina javana* Macquart (1851: 177).

With the transfer of *Servillia javana* Malloch to the genus *Tachina* it becomes a secondary junior homonym. *Tachina jawensis* Chao and Arnaud, new name, is proposed for *T. javana* (Malloch), non *T. javana* Macquart. The specific name is a Neo-Latin adjective derived from the island of Jawa (formerly Java), Indonesia.

***Tachina kunmingensis* Chao and Arnaud,**
NEW NAME

Servillia planiforceps Chao, 1962: 53.—As *Tachina* (*Servillia*) *planiforceps* (Chao): Herting, 1984: 87 (new combination). Preoccupied by *Tachina planiforceps* (Tothill, 1924: 261).

With the transfer of *Servillia planiforceps* Chao to the genus *Tachina* it becomes a secondary junior homonym. *Tachina kunmingensis* Chao and Arnaud, new name, is proposed to replace *T. planiforceps* (Chao), non *T. planiforceps* (Tothill). The specific name is a Neo-Latin adjective derived from Kunming, in Yunnan Province, People's Republic of China, the type locality.

***Tachina mallochi* Chao and Arnaud,**
NEW NAME

Servillia atra Malloch, 1932: 197.—As *Tachina atra* (Malloch): Chao and Arnaud, **present new combination**. Preoccupied by *Tachina atra* Walker (1853: 273).

With the transfer of *Servillia atra* Malloch to the genus *Tachina* it becomes a secondary junior homonym. *Tachina mallochi* Chao and Arnaud, new name, is proposed to replace *T. atra* (Malloch), non *T. atra* Walker. The new name is dedicated to John Russell Malloch (1875–1963) a prodigious publisher on Diptera.

***Tachina pingbian* Chao and Arnaud,**
NEW NAME

Servillia apicalis Chao, 1962: 58.—As *Tachina apicalis* (Chao): Chao and Arnaud, **present new combination**. Preoccupied by *Tachina apicalis* Meigen (1824: 333) and *Tachina apicalis* Walker (1853: 275).

With the transfer of *Servillia apicalis* Chao to the genus *Tachina* it becomes a secondary junior homonym. *Tachina pingbian* Chao and Arnaud, new name, is proposed to replace *T. apicalis* (Chao), non *T. apicalis* Meigen or *T. apicalis* Walker. The specific name is a noun in apposition to the generic name, based on Pingbian, the type locality in Yunnan Province, People's Republic of China.

***Tachina rohdendorffiana* Chao and Arnaud,**
NEW NAME

Servillia rohdendorfi Chao, 1962: 51.—As *Tachina rohdendorfi* (Chao): Chao and Arnaud, **present new combination**. Preoccupied by *Tachina rohdendorfi* Zimin (1935: 556).

With the transfer of *Servillia rohdendorfi* Chao to the genus *Tachina* it becomes a secondary junior homonym. *Tachina roh-*

dendorfiana Chao and Arnaud, new name, is proposed to replace *T. rohdendorfi* (Chao), non *T. rohdendorfi* Zimin. All three names are dedicated to Boris B. Rohdendorf (1904–1977) distinguished authority on recent and fossil Diptera.

***Tachina tienmushan* Chao and Arnaud,
NEW NAME**

Servillia flavipes Chao, 1962: 52.—As *Tachina* (*Servillia*) *flavipes* (Chao): Herting, 1984: 86 (new combination). Preoccupied by *Tachina flavipes* Meigen (1824: 280) and *Tachina flavipes* (Strobl) (1893: 94).

With the transfer of *Servillia flavipes* Chao to the genus *Tachina* it becomes a secondary junior homonym. *Tachina tienmushan* Chao and Arnaud, new name, is proposed to replace *T. flavipes* (Chao), non *T. flavipes* Meigen or *T. flavipes* (Strobl). The specific name is a noun in apposition to the generic name, based on the Tienmushan Mountains, in Zhejiang Province, People's Republic of China.

***Tachina zaqu* Chao and Arnaud,
NEW NAME**

Servillia basalis Zimin, 1929: 214.—As *Tachina basalis* (Zimin): Herting 1984: 86 (new combination). Preoccupied by *Tachina basalis* Walker (1837: 351), *Tachina basalis* Walker (1849: 713), *Tachina basalis* Walker (1853: 281), and *Tachina basalis* Walker (1853: 285).

With the transfer of *Servillia basalis* Zimin to *Tachina* it became a secondary junior homonym. *Tachina zaqu* Chao and Arnaud, new name, is proposed to replace *T. basalis* Zimin, non *T. basalis* Walker. Named after the type locality—Zaqu, in Yushu Prefecture, Qinghai Province, People's Republic of China, a noun in apposition to the generic name.

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